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SEQ ID NOS: 1-127811, encompassed in Appendix I, presents target sequences included in the invention. Each target sequence from columns 2, 5 and 8 corresponds to and represents at least four additional nucleic acid sequences included in the invention. As an example, if a central portion of a nucleic acid sequence listed in SEQ ID NOS: 1-127811 happened to be: 5'-agcgccaa-3' the additional sequences included in the invention which are represented by this nucleic acid sequence would be, for example:

3'-ttggacgct-5' = (perfect) sense match

3'-ttgg**tc**gct-5' = sense mismatch

5'-agcgccaa-3' = (perfect) antisense match

5'-agcg**ac**caa-3' = antisense mismatch.

Accordingly, for each nucleic acid sequence listed in SEQ ID NOS: 1-127811, this disclosure includes the corresponding sense match, sense mismatch, antisense match and antisense mismatch. The position of the mismatch is not limited to near the center of the nucleic acid as in the above example, it may be located anywhere in the nucleic acid sequence and may comprise one or more bases.

Marked Version:

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